TOPIC: Stormwater Drainage - UPC/11/#1 &

CABO/P14/#1

CODE: Plumbing Specialty Code: 1996 Edition

One & Two Family Dwelling Specialty Code

1993 Edition

APPROVED: July 1, 1996 ______

REFERENCE: Section 1101, Plumbing Specialty Code

Plumbing Section 1401, One & Two Family Dwelling

Specialty Code

SUBJECT: Alternative methods for stormwater drainage.

QUESTION: Do stormwater drainage systems on one and two family dwellings

have to include gutters and downspouts or are alternative designs

acceptable?

RESPONSE: The Plumbing Specialty Code requires water draining from roofs to

be collected and discharged to an approved disposal system. Typical drainage systems on one and two family dwellings are

designed to collect water in gutters which then drain to

downspouts. In another design a louvered device replaces gutters by dispersing the roof drainage at the eaves. The Rainmaker ™ is

an example of such a system.

Drainage systems without gutters and downspouts which provide a louvered or other device to disperse roof drainage at the eaves are acceptable if the system is combined with a ground collection

system designed by a licensed and certified engineer.